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♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦ TECHNICAL BULLETIN ♦

UV 4052 SHADOW CURE ADHESIVE

UV4052 is a single component, clear polyurethane resin rapidly cured by exposure to UV light or heat cure at 200 deg F for 10 minutes.

APPLICATIONS

- Potting electrical components
- Bonding
- Sealing
- Form in place gaskets
- Medical grade adhesive (plastic to plastic)

BENEFITS

- Cures in seconds to increase productivity and reduce in process inventory
- UV cure keeps parts cool, saves space and energy
- Process flexibility, only cures when exposed to UV light
- One component, thus no mixing, no pot life, no costly waste
- 100% resin system – No VOC's
- Range of viscosity's
- Heat cure for 10 minutes at 200 deg F for shadow curing

TYPICAL CURING CHARACTERISTICS

- Full cure (2mil Film) 5 seconds @ 300 watts/in @ tuned wavelength

LIQUID CHARACTERISTICS

- Resin.....Polyurethane
- Viscosity.....2800 cps (Base)
- Specific gravity.....1.15
- Color..... Light straw
- Flash point..... > 200 degrees F

The manufacturer, RBC Industries, Inc., hereby gives notice that any statement or representation made by the manufacturer in the sales of any and all of its products shall not create any warranty of merchantability expressed or implied. Statements or descriptions are informational only and the purchaser shall be solely responsible for determining the adequacy of the product for any and all uses.

CURED CHARACTERISTICS

- Temperature range..... -60 to 300F
- Tensile strength.....2000 psi
- Elongation.....150%
- Durometer.....90 Shore A
- Very flexible
- Excellent resistance to chemical attack

STORAGE

Store UV resin in its original container AWAY FROM light. Keep tightly capped while in storage. Do not return product to its original container.



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